



WEMMH/SB/08A (4/03)

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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of

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Complete if Known

Application Number	10/723,561
Filing Date	November 26, 2003
First Named Inventor	James R. Barber
Group Art Unit	
Examiner Name	

Attorney Docket Number 3050-137

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (If known)			
		US-685,160	10/22/1901	Marshall	
		US-698,529	04/29/1902	Marshall	
		US-1,051,466	01/28/1913	Travis	
		US-1,852,943	05/1932	Swanson	
		US-1,930,697	10/17/1933	Stewart	
		US-2,236,007	03/1941	Oldham	
		US-2,504,352	04/18/1950	Robell	
		US-2,558,288	06/26/1951	Backus	
		US-2,568,055	09/1951	Clark	
		US-2,715,435	08/16/1955	Rymland	
		US-3,082,438	03/26/1963	Nachman, Jr.	
		US-3,230,558	01/25/1966	Duncan	
		US-3,626,523	12/14/1971	Robins	
		US-4,234,983	11/25/1980	Stumpf	
		US-4,234,984	11/25/1980	Stumpf	
		US-4,462,129	01/31/1984	Brannock	
		US-4,578,834	04/01/1986	Stumpf	
		US-4,677,701	07/07/1987	Galumbeck	

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Application of Cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁴
		Country Code ³ -Number-Kind Code ² (If known)				
		DE 297 10 267 U1	08/14/1997			
		DE 40 31 651 A1	10/05/1990			
		EP 1 029 472 A1	08/23/2000			
		FR 2 697 420	10/30/1992			
		WO 91/10387	07/25/1991			

Examiner Signature		Date Considered	11/23/04
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		Number-Kind Code* (If known)			
		US-4,679,266	07/14/1987	Kraft	
		US-4,726,572	02/23/1988	Flesher et al.	
		US-4,771,495	09/20/1988	Distler et al.	
		US-4,854,023	08/08/1989	Stumpf	
		US-4,972,536	11/27/1990	Scott	
		US-5,040,255	08/20/1991	Barber, Jr.	
		US-5,062,172	11/05/1991	Stewart	
		US-5,136,740	08/11/1992	Kraft	
		US-5,210,890	05/18/1993	Hagglund	
		US-5,222,264	06/29/1993	Morry	
		US-5,756,022	05/26/1998	Siegel et al.	
		US-5,803,440	09/08/1998	Wells	
		US-5,868,383	02/09/1999	Codos	
		US-5,987,678	11/23/1999	Ayers	
		US-6,101,697	08/15/2000	Stumpf	
		US-6,131,892	10/17/2000	Stumpf	
		US-6,260,331	07/17/2001	Stumpf	
		US-6,347,423	02/19/2002	Stumpf	
		US-6,398,199	06/04/2002	Barber	
		US-6,540,214	04/01/2003	Barber	

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		Country Code*-Number*-Kind Code* (If known)				

Examiner Signature	<i>richard r. barber</i>	Date Considered	11/27/04
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